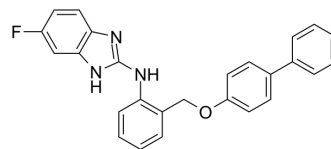


BACE1-IN-14

Cat. No.:	HY-161359
Molecular Formula:	C ₂₆ H ₂₀ FN ₃ O
Molecular Weight:	409.45
Target:	Beta-secretase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BACE1-IN-14 (compound 27f) is a BACE1 inhibitor, with the EC ₅₀ values of 0.7 μM and 1.6 μM for BACE1 and BACE2. BACE1-IN-14 is can be used in Alzheimer's disease (AD) research ^[1] .	
IC ₅₀ & Target	BACE1 0.7 μM (EC50)	BACE2 1.6 μM (EC50)

REFERENCES

[1]. Quang De T, et al. Rational design of novel diaryl ether-linked benzimidazole derivatives as potent and selective BACE1 inhibitors. Biochem Biophys Res Commun. 2024 Feb 26;698:149538.

Caution: Product has not been fully validated for medical applications. For research use only.

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